Known Problems - 5.0.4

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Wav markers do not import properly in the Import Tracks window

There is a bug in the library Variations uses to read wav files. Replacing jhove.jar and jhove-module.jar in **C:/Program Files/Variations/Client/lib /metadata_external/** on digitizer clients with the attached versions will fix this problem.

jhove.jar
jhove-module.jar

Previous/Next Year links on statistics page do not work

There is a bug in the statistics page script, /home/dmlserv/public_html/stats/viewStats.cgi. This can be fixed by applying the attached patch.

```
patch -l /home/dmlserv/public_html/stats/viewStats.cgi viewStats.cgi.yearlink.patch
```

Containers with derivative files with uppercase characters fail to play

There is a bug where derivative files are forced to lowercase in the MediaObject record, but will ingest properly if uppercase. This causes a problem when trying to play the container because the file is not found. A workaround is to always make sure Wav files and derivative files are named using lowercase only.

Admin search does not return records with diacritics

Sometimes an admin Contributor or Creator/Work search will not return a record that has diacritics. This problem is due to the fact that the diacritic is "decomposed" meaning that the letter and diacritic are actually two characters instead of one even though they render as one. One way to fix this problem is to edit the record and replace the letter and diacritic with one from the Diacritic window, which can be opened by pressing F2 when a text field has focus.

Digitizer window hangs on save when derivative file is truncated

If the derivative file uploaded to the Variations server is truncated, the save process may cause the digitizer window to hang. This is due to the mp4creator process getting stuck and never terminating. The faulty derivative files should be replaced with newly created derivatives. If Variations is acting up as a result of this problem, a restart should clear it up.

Extra end-user configuration needed for Firefox MIME type associations

The Mac installation instructions tell the user to teach Firefox to open Variations files with Variations. This involves searching for the location of Variations. This can be avoided by adding the MIME type to the application bundle's Info.plist file. Modify **Info.plist** to appear like the following one (the changes are in the CFBundleDocumentTypes array): Info.plist

Import Tracks MusicBrainz Source always fails

This is due to the MusicBrainz web service enforcing a rate of 1 request per second. Two client-side jar files have been updated to deal with this problem by keeping requests to 1 per second, reducing the maximum number of results returned to 20, and removing album length filtering. This problem has been fixed in Variations 5.0.4, but exists in previous versions of Variations. It is recommended that the digitizer client be updated to 5.0.4, but if this is not immediately possible, then replacement jars can be downloaded here and here. These should replace files in **C:/Program Files/Variations/Client/lib /metadata_external/**.

Playlist menu separators on File and Bookmarks menus don't share playlist background color on Windows.

This is due to a bug in the JRE that is included in the Variations client. There is no current plan to provide a workaround.
See the entry in Java Bug Database for more information: http://bugs.sun.com/bugdatabase/view_bug.do?bug_id=6575395

Quicktime 7.2 causes the Variations client not to start on PowerPC Mac

This is the result of a bad update process for Quicktime 7.2. This can be fixed by downloading the Quicktime 7.2 update from Apple's website (http://www.apple.com/support/downloads/quicktime72formac.html) and rerunning the update.

On Mac OSX 10.5 (Leopard) help menu search returns results unrelated to Variations

Mac OSX 10.5 (Leopard) has a search embedded in the help menu of every application. This search returns links to menu items within Variations and links to non-Variations help documentation. Currently, Variations does not make use of the Mac OSX help documentation features. This results in Apple's default functionality which is to return any help documentation results in the help menu search. There is no workaround.

Apple Key-Space keystroke does not pause Variations player on Mac OSX

On Mac OSX, Apple Key-Space causes Mac Spotlight search to open and does not cause the Variations player to pause playback.

generateAccessPage.sh does not work on the Variations server

Running bin/generateAccessPage.sh from dmlserv's home directory as dmlserv will fail due to missing configuration in conf/client/dml.conf. To fix this, copy the following name/value pairs from conf/server/dmlserver.xml:

```
<SystemProperty name="dml.z3950.Container.enabled">true</SystemProperty>
<SystemProperty name="dml.z3950.Container.host">es33.uits.indiana.edu</SystemProperty>
<SystemProperty name="dml.z3950.Container.port">2200</SystemProperty>
<SystemProperty name="dml.z3950.Container.database">Unicorn</SystemProperty>
<SystemProperty name="dml.z3950.Container.field.id.name">any</SystemProperty>
```

conf/client/dml.conf should then look like the following regarding these properties:

```
dml.z3950.Container.enabled=true
dml.z3950.Container.host=es33.uits.indiana.edu
dml.z3950.Container.port=2200
dml.z3950.Container.database=Unicorn
dml.z3950.Container.field.id.name=any
```

Previous Known Problems

- Known Problems - 5.0.3 - All problems not listed above been dealt with in the Variations 5.0.4 release and are only linked here for reference.
- Known Problems - 5.0.2 - All problems not listed above been dealt with in the Variations 5.0.3 release and are only linked here for reference.
- Known Problems - 5.0.1 - These have all been dealt with in the Variations 5.0.2 release and are only linked here for reference.
- Known Problems - 5.0 - These have all been dealt with in the Variations 5.0.1 release and are only linked here for reference.